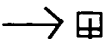


16711 U.S. PTO

Please type a plus sign (+) inside this box



Modified PTO/SB/05 (03-01)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. Flarion-78APP2 (103)

First Inventor Hui JIN

Title EXTRACTING SOFT INFORMATION IN A BLOCK-COHERENT COMMUNICATION SYSTEM

Express Mail Label No. EV446838587US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 22]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table,  
or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath or Declaration w/Power of Attorney [Total Pages 4]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Mail Stop Utility Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
  - ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))  
37 CFR 3.73(b) Statement of Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO/SB/08A  
Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
15. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
16. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

26479

or

☐ Correspondence address below

Name	Straub & Pokotylo				
Address	620 Tinton Avenue				
	Bldg. B, 2 <sup>nd</sup> Floor				
City	Tinton Falls	State	N.J.	Zip Code	07724-3260
Country	USA	Telephone	(732) 542-9070	Fax	(732) 542-9071

Name (Print/Type)	Michael P. Straub	Registration No. (Attorney/Agent)	36,941
Signature	<i>Michael P. Straub</i>	Date	April 1, 2004

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Mail Stop Utility Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.

17497 U.S. PTO  
10/815413

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**FEE TRANSMITTAL  
for FY 2004**

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 936.00)

**Complete if Known**

Application Number	Not yet assigned
Filing Date	Herewith
First Named Inventor	Hui JIN
Examiner Name	Not yet assigned
Art Unit	Not yet assigned
Attorney Docket No.	Flarion-78APP2 (103)

**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

50-1049

Straub &amp; Pokotylo

The Commissioner is authorized to: (check all that apply)

☒ Charge any underpayment of fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) due in connection with the filing submitted herewith☐ Charge fee(s) indicated below, except for the filing fee in the to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	2001	770	385 Utility filing fee	770.00
1002	2002	340	170 Design filing fee	
1003	2003	530	265 Plant filing fee	
1004	2004	770	385 Reissue filing fee	
1005	2005	160	80 Provisional filing fee	
<b>SUBTOTAL (1)</b>				<b>(\$ 770.00)</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
27	-20** = 7	18.00	126.00
Independent Claims	2	-3** = 0	86.00
Multiple Dependent			

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
1202	2202	18	9 Claims in excess of 20	
1201	2201	86	43 Independent claims in excess of 3	
1203	2203	290	145 Multiple dependent claim, if not paid	
1204	2204	86	43 **Reissue independent claims over original patent	
1205	2205	18	9 **Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>				<b>(\$ 126.00)</b>

\*\*or number previously paid, if greater, For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	2051	130	65 Surcharge - late filing fee or oath	
1052	2052	50	25 Surcharge - late provisional filing fee or cover sheet	
1053	1053	130	130 Non-English specification	
1812	1812	2,520	2,520 For filing a request for ex parte reexamination	
1804	1804	920*	920* Requesting publication of SIR prior to Examiner action	
1805	1805	1,840*	1,840* Requesting publication of SIR after Examiner action	
1251	2251	110	55 Extension for reply within first month	
1252	2252	420	210 Extension for reply within second month	
1253	2253	950	475 Extension for reply within third month	
1254	2254	1,480	740 Extension for reply within fourth month	
1255	2255	2,010	1,005 Extension for reply within fifth month	
1401	2401	330	165 Notice of Appeal	
1402	2402	330	165 Filing a brief in support of an appeal	
1403	2403	290	145 Request for oral hearing	
1451	1451	1,510	1,510 Petition to institute a public use proceeding	
1452	2452	110	55 Petition to revive - unavoidable	
1453	2453	1,330	665 Petition to revive - unintentional	
1501	2501	1,330	665 Utility issue fee (or reissue)	
1502	2502	480	240 Design issue fee	
1503	2503	640	320 Plant issue fee	
1460	1460	130	130 Petitions to the Commissioner	
1807	1807	50	50 Processing fee under 37 CFR 1.17(c)	
1806	1806	180	180 Submission of Information Disclosure	
8021	8021	40	40 Recording each patent assignment per property (times number of properties)	40.00
1809	2809	770	385 Filing a submission after final rejection (37 CFR 1.129(a))	
1810	2810	770	385 For each additional invention to be examined (37 CFR 1.129(b))	
1801	2801	770	385 Request for Continued Examination (RCE)	
1802	1802	900	900 Request for expedited examination of a design application	
Other fee (specify)				
* Reduced by Basic Filing Fee Paid				
<b>SUBTOTAL (3)</b>				<b>(\$ 40.00)</b>

**SUBMITTED BY**

(Complete (if applicable))

Name (Print/Type)	Michael P. Straub	Registration No. (Attorney/Agent)	36,941	Telephone	(732) 542-9070
Signature	Michael P. Straub	Date	April 1, 2004		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231.